

We claim:

1. A hair-setting composition comprising
 - A) 0.5 to 20% by weight of a homopolymer of N-vinylcaprolactam or an anionic or nonionic copolymer of at least 70% by weight of N-vinylcaprolactam (polymer A), and
 - B) 0.5 to 20% by weight of a terpolymer (polymer B) obtainable by copolymerization
 - (a) of at least one C₁-C₄ N-alkylacrylamide or a C₁-C₄ N-alkylmethacrylamide and
 - (b) at least one C₁-C₄ hydroxyalkyl ester or a C₁-C₄ alkyl ester of acrylic acid or methacrylic acid and
 - (c) acrylic acid and/or methacrylic acid
 - C) 0.5 to 20% by weight of a polymer chosen from the group consisting of copolymers of vinylpyrrolidone and a vinyl ester and of homopolymers of vinylpyrrolidone.
2. A hair-setting composition as claimed in claim 1, wherein a homopolymer of N-vinylcaprolactam is used as polymer A.
3. A hair-setting composition as claimed in claim 1, wherein a terpolymer of N-tert-butylacrylamide, ethyl acrylate and acrylic acid is used as polymer B.
4. A hair-setting composition as claimed in any of claims 1 to 3, which comprises an alcohol and lower alkanes.